



**Product Details :-**

Code : SFLGC300/1  
Model : Mast light  
Series : Monster series

**Electrical Data :-**

Input voltage range : 90 - 305VAC  
Power : 300 Watt  
Power factor : >0.95  
Frequency : 50/60Hz  
THD : < 10%  
Driver : Constant current active power factor corrected  
Flicker free driver : Yes  
Driver efficiency : > 90%

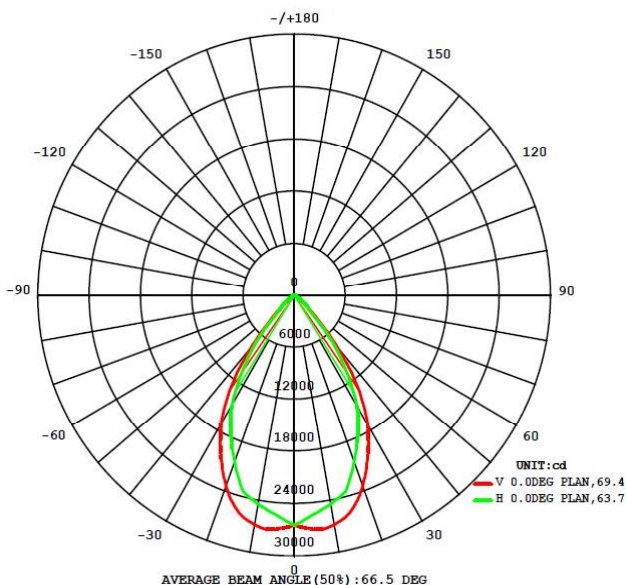
**Light Data :-**

LED Type : SMD LED, LM80 Certified  
System efficacy : >100lm/W  
Beam angle : 70 Deg  
CCT range : 2700 - 6500K  
CRI : Typical 70  
Glass : Toughened glass  
Reflector : Aluminum reflector  
LED Life time : 50,000 hours

**Environmental :-**

Working temperature : 0°C to + 55 °C  
Working humidity : 10 to 90% RH  
Storage temperature : -10°C to + 85 °C  
Ingress protection : IP 65

**Light distribution :-**



**Physical Details :-**

Material & Construction : Specially fabricated high thermal efficient aluminum fins  
Fixture Dimensions : Dia 425mm x H 320mm  
Weight : 7 Kgs approx.,  
Type of mounting : Pole / Bracket mounting

**Protections :-**

Output Over voltage / Under voltage protected : Provided  
Output Over current and Short circuit : Provided  
440VAC with stand : YES  
Surge protection : Inbuilt driver upto 6KV

**Applications : Outdoor & Sports lighting**

**AAI Curve :-**

Height	Eavg, Emax	Angle: 68.10deg	Diameter
1m	14264, 26726lx		135.15cm
2m	3566, 6681lx		270.30cm
3m	1585, 2970lx		405.44cm
4m	891.5, 1670lx		540.59cm
5m	570.6, 1069lx		675.74cm
6m	396.2, 742.4lx		810.89cm
7m	291.1, 545.4lx		946.03cm
8m	222.9, 417.6lx		1081.18cm
9m	176.1, 329.9lx		1216.33cm
10m	142.6, 267.3lx		1351.48cm

\* On all electrical parameters (+/-10%) tolerance to be considered  
\* On all mechanical dimensions & weight (+/-5%) tolerance to be considered

